

**Amendment to the Abstract:**

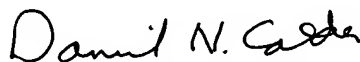
The Abstract has been amended. A revised Abstract is attached.

**ABSTRACT**

When there is any abnormality or characteristic change in the light intensity of a light source or the sensitivity of a light detector, measurement accuracy decreases. To address this problem an

~~\_\_\_\_\_An apparatus of the present invention comprising: is provided including a light source 11; a living body measuring optical element 12 for applying light emitted from the light source 11 to a living body and receiving light returning from the living body; and a light detector 16 for detecting the light received by the living body measuring optical element 12; and~~ The apparatus also includes a light guide 14 which can be arranged in contact with the living body measuring optical element 12, in which an abnormality is detected or corrected by use of output from the light detector 16 in a state where the light guide 14 is arranged in contact with the living body measuring optical element 12.

Respectfully submitted,



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DNC/fp

Attachment: Abstract

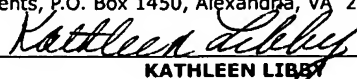
Dated: March 10, 2005

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KATHLEEN LIBBY

Application No.: To Be Assigned

MTS-3543US

ABSTRACT

When there is any abnormality or characteristic change in the light intensity of a light source or the sensitivity of a light detector, measurement accuracy decreases. To address this problem an apparatus is provided including a light source, a living body measuring optical element for applying light emitted from the light source to a living body and receiving light returning from the living body, and a light detector for detecting the light received by the living body measuring optical element. The apparatus also includes a light guide which can be arranged in contact with the living body measuring optical element, in which an abnormality is detected or corrected by use of output from the light detector in a state where the light guide is arranged in contact with the living body measuring optical element.